

ABSTRACT OF THE DISCLOSURE

5 The first processor controls the clock frequency control unit according to a ratio between an estimate of the processing time of the first program and an estimate of the processing time of the second program, to change the frequency of a clock being input into the first processor. In addition, the first processor controls the variable power source according to the frequency of the clock being input into the first processor, to change the power supply voltage being supplied to the first processor. Thus, the power consumption of the first processor can be reduced considerably.